

AMENDMENTS TO THE SPECIFICATION:

Changes to Specification:

Please replace paragraphs [0022], [0031], and [0032] with the following rewritten paragraphs:

[0022] The holder receiving part 10 is formed to be a long space on the cylindrical bottom side of the case body 7, surrounded by a circular-arc-like piece part 10a (corresponding to the support piece part of the invention) which is positioned over the penetrating part of the motor shaft 4 of the case body 7 and where the under surface is formed like a circular arc to adjacently face to the motor shaft 4, the motor shaft passing therebetween; a pair of lower piece parts 10b located on the left and right sides 7c (as shown in Fig. A4) of the case body 7 extend from both left and right end edge parts of the circular-arc-like piece part 10a; a pair of upper piece parts 10c ~~which~~ is formed at the upper side with a specified clearance from the lower piece parts 10b; and left and right piece parts 10d between the upper and lower piece parts 10c, 10b ~~and~~ are formed on left and right sides 7c of the case body 7. Between the upper piece parts 10c of the holder receiving part 10, a pair of through holes 10e are formed, which are shaped like Π , i.e., shaped as grooves. Moreover, the circular-arc-like piece part 10a is cut off at the portion of the holder receiving part 10 which is positioned on the opening side of the cylindrical part of the case body 7, and on this side of the case body opening part 7b, a communicating part H (Fig. 8) where the holder receiving part 10 and the cylinder hole are communicated with each other is formed. Here, the circular-arc-like piece part 10a of the invention is formed to follow the upper part of the bearing part where the radial metal bearing 4h for supporting the motor shaft 4 is inserted. Then, the communicating part H is set to face to the fixing part of a sensor magnet 11 of the motor shaft 4 which is incorporated in the case body 7. The sensor magnet 11 is a ring-like

magnet where the N-pole and S-pole are polarized by turns in the rotational direction, and is set to rotate integrally with the motor shaft 4.

[0031] A pair of brush terminals 17b, which feed electricity to the brushes 17 ~~and~~with one ~~is~~ formed integrally with each plate spring 17a, are provided on the brush stay 16. The brush terminals 17b extend toward the cylindrical bottom side of the case body 7 when the brush unit 15 is incorporated into the case body 7, and each bent part 17c, the external connecting end part, is set to come into contact with one of the pair of notch-like terminal receiving parts 12j of the sensor holder 12 positioned at the previously set incorporating position in the butting state. Thus, when mounted, the brush stay attaching parts 16b ~~is~~are butted against the end surface of the case body opening part 7b, and the normal incorporation can be performed. Therefore, in the case where the step part 12g of the sensor holder 12 is incorporated in the state of not butting against the opening side end surface of the holder receiving part circular-arc-like piece part 10a (in the state where the sensor holder 12 is not positioned at the specified incorporation position, and is positioned on the holder receiving part 10 at the cylindrical bottom side), it is set that the brush stay attaching part 16b and the end surface of the case body opening part 7b cannot come into contact with each other, even if the brush terminal bent part 17c comes into contact with the sensor holder notch part 12g. Consequently, the incorporation state of the sensor holder 12 can be confirmed by the incorporation state of the brush unit 15. And at this moment by further pushing in the brush unit 15 to make the brush stay attaching part 16b come into contact with the end surface of the case body opening part 7b, the positioning of the sensor holder 12 can be performed through the brush terminal bent part 17c.

[0032] In the state where the sensor holder 12 and the brush unit 15 are incorporated in the case body 7, from the connecting opening part O of the case body 7, the sensor terminal external connecting part 14b, which projects from the sensor holder terminal support

part 12d, and the brush terminal bent part 17c can be seen. On the other hand, a terminal unit (male coupler terminal part) 19 (Figs. 47(A) - 7(D)) connects the sensor terminal external connecting part 14b and brush terminal bent part 17c to the coupler (female coupler) 18 (Fig. 1) on the external power source side and is attached to the connecting opening part O. The terminal unit 19 is set to compose the male coupler by being inserted from the upside (from the outside), as shown in Fig. 1, into the rectangular-tube-like projecting piece part 7e forming in the connecting opening part O. The terminal unit 19 comprises a terminal holder 20, which is formed approximately like a rectangular pillar shape to be inserted into the projecting piece part (male coupler outer frame) 7e in the slip-off-stopping state and six middle terminals 21 are incorporated in a double line to be positioned at the part facing to the sensor terminal external connecting parts 14b and the brush terminal bent parts 17c that can be seen from the connecting opening part O. Furthermore, engaging claws 20a are formed on one pair of left and right incorporating tip sides which face to each other of the terminal holder 20 and are set to be engaged with the step-like engagement receiving part 7f formed in the connecting opening part O when the terminal unit 19 is incorporated in the connecting opening part O, so that the terminal unit 19 is surely fixed to the connecting opening part O. By the way, the engagement receiving part 7f is arranged to be integrally formed by being drawn from the incorporating direction of the brush unit 15 when molding the cylindrical part of the case body 7.